

**ABSTRACT OF THE DISCLOSURE**

In a process for upgrading cleaned used plastic material to be reclaimed, all steps are performed in a continuous way so as to extrude continuously the plastic material to provide elongated strands thereof, cutting the strands continuously as they are supplied by extrusion to convert them into pellets. Then, the pellets are fed without any intermediate storage to a continuous crystallizer in a stream of hot gas to heat the pellets to crystallizing temperature.